

I hereby certify that this paper (along with any paper referred to as being attached, or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: June 22, 2006

Signature: 

(Robert B. Cohen)

\$ DAC

#16

Docket No.: SONYJP 3.0-1211  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Maeda et al.

Application No.: 09/048,076

Filed: March 26, 1998

Art Unit: 2741

For: VECTOR SEARCH METHOD

Examiner: A. Azad

PETITION FOR REVIVAL OF AN APPLICATION  
FOR PATENT ABANDONED UNINTENTIONALLY

MS Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED

JUN 29 2006

OFFICE OF PETITIONS

Dear Sir:

Applicant, Sony Corporation, through its attorneys as represented in the Power of Attorney enclosed herewith, hereby petitions for revival of the above application.

On or about December 9, 2005, applicant, Sony Corporation, requested Cooper & Dunham LLP, the prior attorneys of record, forward its file in connection with the above-identified application to the undersigned attorneys for handling of all further prosecution. Upon receipt of the file, the undersigned attorneys promptly reviewed the file and determined that the application had been abandoned. Upon contacting the PTO, it was confirmed that the status of the application was abandoned due to the failure to submit new formal drawings. The undersigned attorneys contacted the applicant, Sony Corporation, who confirmed that it did not wish for this application to

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become abandoned. It is respectfully requested that the PTO review the following information and allow this application to pass to issuance. The following is presented to the PTO in support of this petition and is based solely on the contents of the file as it was furnished to the undersigned. The previous attorney, Jay H. Maioli, is no longer employed with the firm of Cooper & Dunham LLP and therefore is not available to provide any further information.

On July 27, 2000, a Notice of Allowance was mailed to Cooper & Dunham LLP, which included a request for new formal drawings to be submitted. Cooper & Dunham LLP submitted the issue fee and transmittal form on October 23, 2000 via first class mailing, as evidenced by the Certificate of Mailing contained therein (Exhibit A). A photocopy of the check and postcard presumably sent with the issue fee and transmittal were contained in the file received from the previous attorneys (Exhibit B). The file does not contain any other documents filed in the PTO or received from the PTO after the payment of the issue fee. Accordingly, it is believed that Cooper & Dunham LLP did not file new formal drawings as required in the Notice of Allowability.

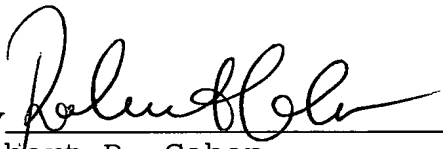
It is clear from the contents of the file that the issue fee was timely submitted by applicant's previous attorneys, but the new formal drawings were inadvertently omitted. It is not clear from the file, however, that a Notice of Abandonment had even been received because it is not in the file. For that reason, applicant was unaware that this application had been abandoned.

The entire delay from the due date for submitting the formal drawings until the filing of this petition was unintentional as the applicant, Sony Corporation, and its prior attorneys, Cooper & Dunham LLP, believed all required actions had been timely taken to obtain the issuance of a patent. Attached as evidence of the applicant's continuing intention for the application to issue as a patent is a copy of a letter dated May 30, 2006, from Fumihiko Moriya, the Senior General Manager, Intellectual Property Division of Sony Corporation, authorizing the undersigned attorneys to prepare and file a petition to revive the present application (Exhibit C).

Applicant therefore petitions for revival of this application based on unintentional delay. A copy of the formal drawings is hereby submitted as Exhibit D. The petition fee in the amount of \$1,500.00 and any additional fees due should be charged to Deposit Account No. 12-1095. In view of the documents submitted and statements made herein, it is respectfully requested that the present petition be granted and the application issue as a patent.

Dated: June 22, 2006

Respectfully submitted,

By   
Robert B. Cohen

Registration No.: 32,768  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP  
600 South Avenue West  
Westfield, New Jersey 07090  
(908) 654-5000  
Attorney for Applicant

## PART B—ISSUE FEE TRANSMITTAL

Exhibit A

RECEIVED

JUN 29 2006

Complete and mail this form, together with application, to: **Box ISSUE FEE**  
**Assistant Commissioner for Patents**  
**Washington, D.C. 20231**

**MAILING INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE. Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Issue Fee receipt, the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

**CURRENT CORRESPONDENCE ADDRESS** (Note: Legibly mark-up with any corrections or use Block 1)

LM01/0727

JAY H MAIOLI  
 COOPER & DUNHAM  
 1185 AVENUE OF THE AMERICAS  
 NEW YORK NY 10036

**OFFICE OF PETITIONS**  
 Note: The certificate of mailing below can only be used for domestic mailings of the Issue Fee Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing.

## Certificate of Mailing

I hereby certify that this Issue Fee Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above on the date indicated below.

**Pedro C. Fernandez Reg No. 41,741**

*Pedro Carlos Fernandez* (Depositor's name)

(Signature)

October 23, 2000

(Date)

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/048,076	03/26/98	005	AZAD, A	2741 07/27/00
First Named Applicant: MAEDA, 35 USC 154(b) term ext. = 0 Days.				

**TITLE OF INVENTION** VECTOR SEARCH METHOD

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 7217-55493	704-222.000	P83	UTILITY	NO	\$1210.00	10/27/00

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Use of PTO form(s) and Customer Number are recommended, but not required.

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47) attached.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Jay H. Maioli

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)  
**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the PTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

**Sony Corporation**

(A) NAME OF ASSIGNEE

**Tokyo, Japan**

(B) RESIDENCE: (CITY & STATE OR COUNTRY)

Please check the appropriate assignee category indicated below (will not be printed on the patent)

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fees are enclosed (make check payable to Commissioner of Patents and Trademarks):

☒ Issue Fee

☐ Advance Order - # of Copies \_\_\_\_\_

4b. The following fees or deficiency in these fees should be charged to:

DEPOSIT ACCOUNT NUMBER **03-3125**  
 (ENCLOSE AN EXTRA COPY OF THIS FORM)

☐ Issue Fee

☐ Advance Order - # of Copies \_\_\_\_\_

The COMMISSIONER OF PATENTS AND TRADEMARKS IS requested to apply the Issue Fee to the application identified above.

(Authorized Signature)

*Pedro Carlos Fernandez*

(Date)

10/23/00

NOTE: The Issue Fee will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the Patent and Trademark Office.

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending on the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND FEES AND THIS FORM TO: Box Issue Fee, Assistant Commissioner for Patents, Washington D.C. 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE

COOPER & DUNHAM LLP  
PT. JEFFERSON COUNTY  
1185 AVENUE OF THE AMERICAS  
NEW YORK, NY 10036

7217-55482	
56457	

1-108  
210

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HSBC Bank USA

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10-23-00	COMMISSIONER OF PATENTS AND TRADEMARKS	2480.00

242136-11-98

*ho DZ*

Applicant ISSUE FEES FOR October 2000

Client Sony (7217) File No. JHM:jg Atty. \_\_\_\_\_

Date October 23, 2000

Kindly acknowledge receipt of the accompanying

7217/55493	09/048,076	10/27/00	\$1,240.00
7217/56457	09/111,403	10/27/00	\$1,240.00

check #

*P44148*

\$2,480.00

by placing your receiving date stamp hereon and returning to us.

06-05-30;08:38PM;

LERNER, LITTE  RG ;

# 1/1  
*RBC*

**SONY**

Intellectual Property Department, Sony Corporation  
Gate City Osaki 1-11-1 Osaki, Shinagawa-ku, Tokyo, 141-0032 Japan

Telephone: +81-3-5435-3910  
Fax: +81-3-5435-3043

May 30, 2006

Mr. Robert B. Cohen  
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP.  
600 South Avenue West, Westfield,  
New Jersey 07090  
U.S.A.

Re: SONYJP 9,0-001 General Correspondence

Dear Mr. Robert B. Cohen,

In connection with the above identified case, we acknowledge receipt of and thank you for your letter of March 24, 2006.

Will you please file a petition to revive with respect to items 3 and 5 shown below.  
Sorry for delaying our instruction.

	Your Ref. No.	Application No.	Our Ref. No.
3.	SONY JP 3.0-1203	08/736,546	S96P0903US00
5.	SONY JP 3.0-1211	09/048,076	S98P0297US00

11546 C  
11475 C

We appreciate your cooperation in this matter.

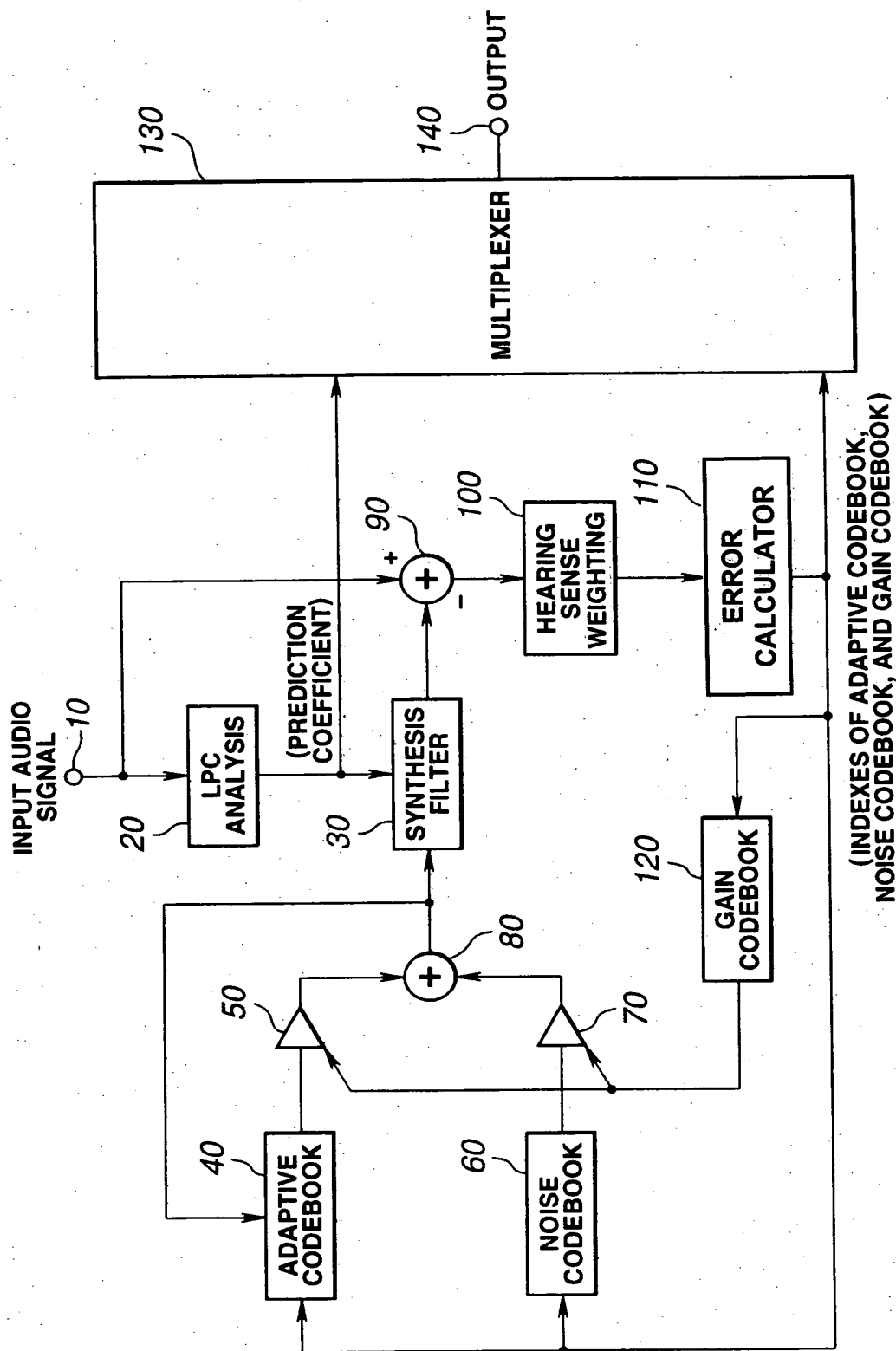
Very truly yours,

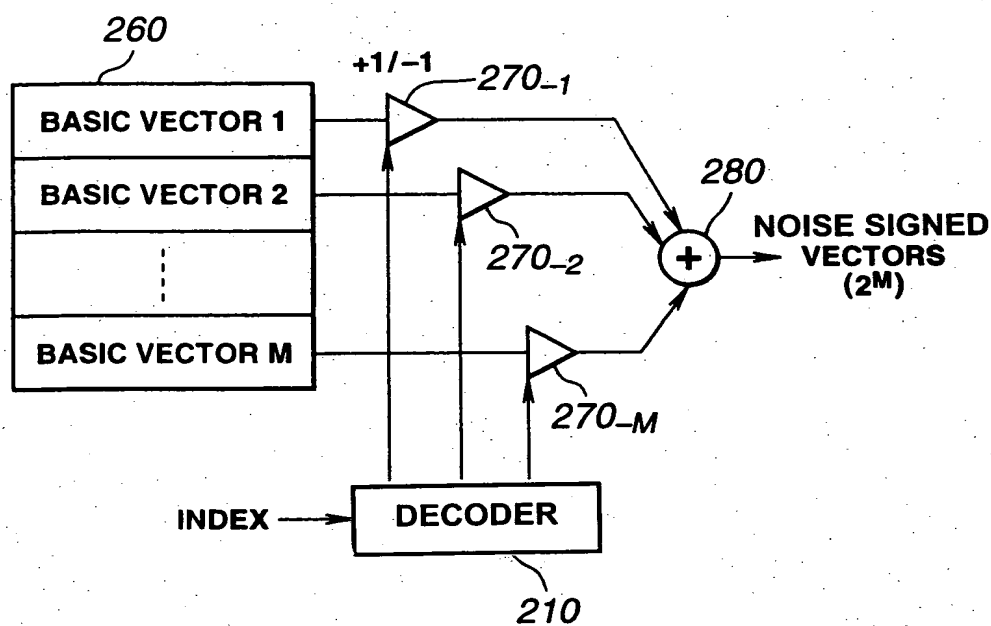
*Yoshiaki Ohtawa*

for

Fumihiko Moriya  
Senior General Manager  
Intellectual Property Division

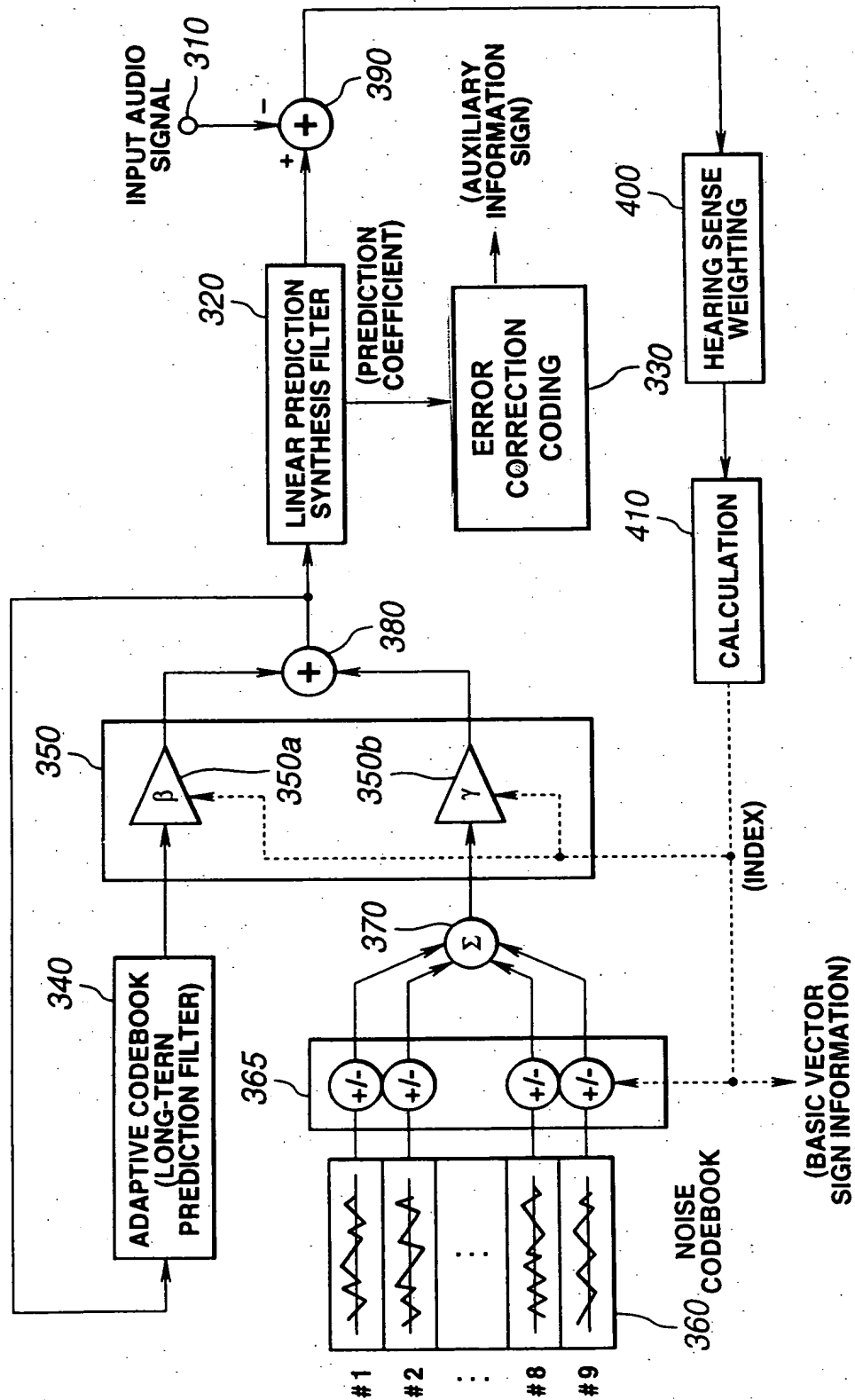
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**FIG.2**  
(PRIOR ART)





**FIG. 3**

**(PRIOR ART)**

N	BIT V			
	4	3	2	1
0	0	0	0	0
1	0	0	0	1
2	0	0	1	1
3	0	0	1	0
4	0	1	1	0
5	0	1	1	1
6	0	1	0	1
7	0	1	0	0
8	1	1	0	0
9	1	1	0	1
10	1	1	1	1
11	1	1	1	0
12	1	0	1	0
13	1	0	1	1
14	1	0	0	1
15	1	0	0	0

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**FIG.4**  
(PRIOR ART)

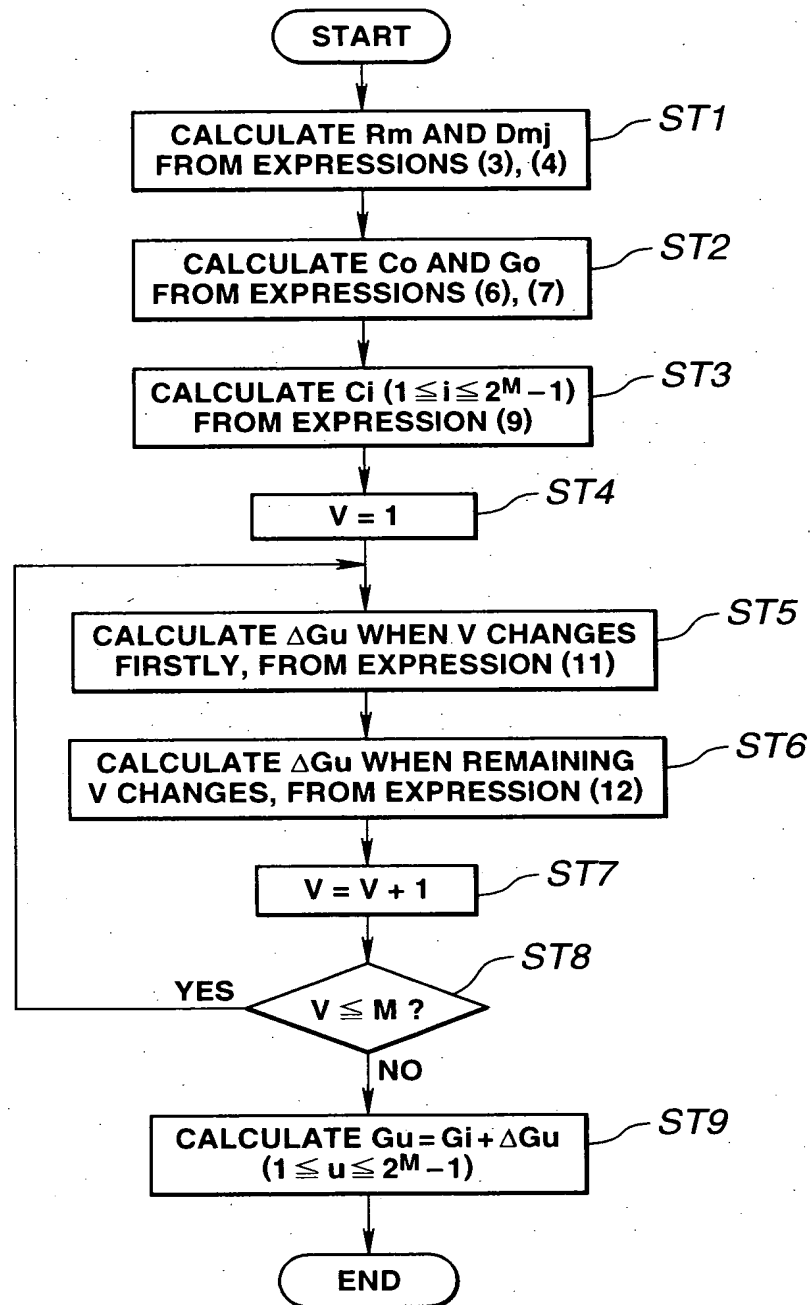


FIG.5

**FIG.6A**

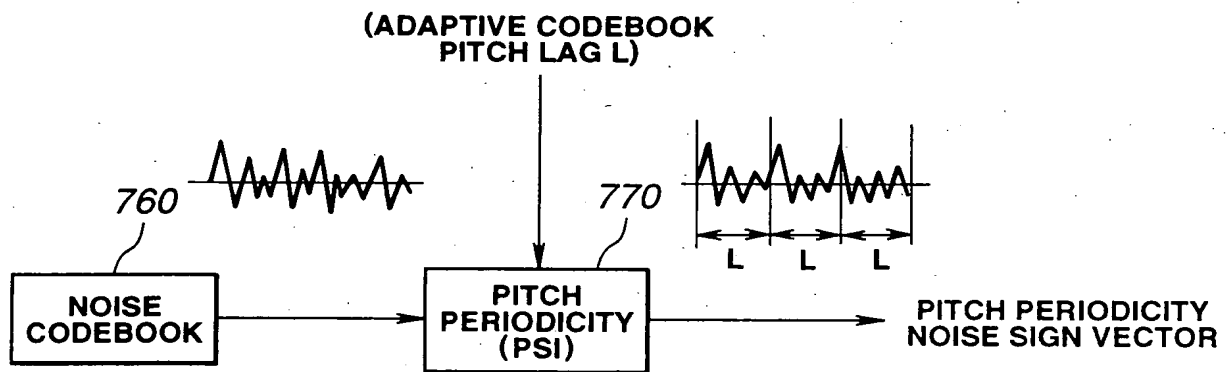
M	MULTIPLICATION		
	PRESENT INVENTION	CONVENTIONAL	RATIO
4	57	90	0.633
5	118	248	0.475
6	231	630	0.367
7	444	1524	0.291
8	853	3570	0.239

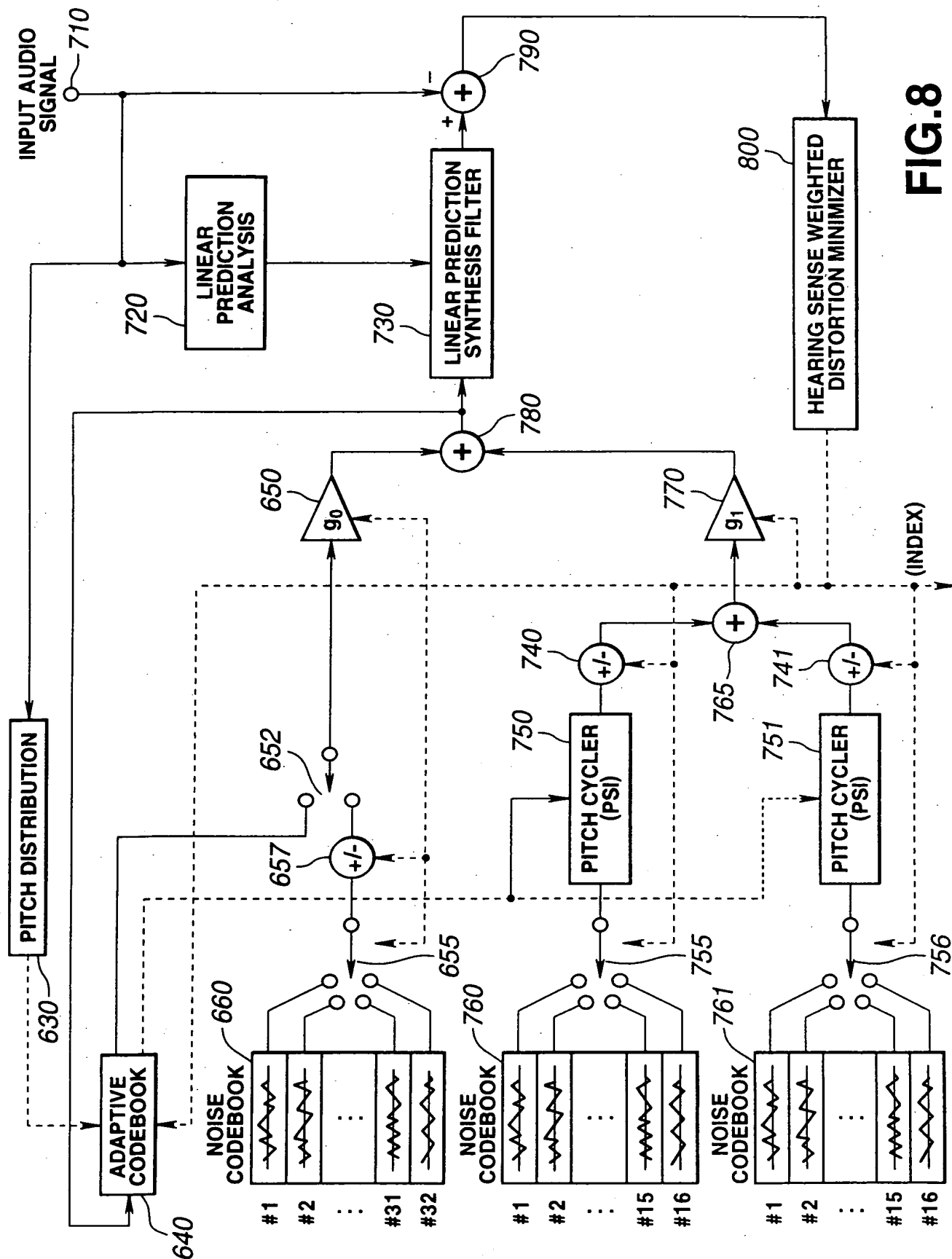
**FIG.6B**

M	ADDITION AND SUBTRACTION		
	PRESENT INVENTION	CONVENTIONAL	RATIO
4	49	45	1.089
5	103	124	0.831
6	207	315	0.657
7	409	762	0.537
8	805	1785	0.451

**FIG.6C**

M	WRITING TO MEMORY		
	PRESENT INVENTION	CONVENTIONAL	RATIO
4	30	15	2.0
5	62	31	2.0
6	126	63	2.0
7	254	127	2.0
8	510	255	2.0

**FIG.7**



**FIG. 8**